

2


**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

 Address : COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	BIRD	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
---------------	-------------	------	----------------------	---------------------

 JOHN SCHIFFER  
2211 PARK BLVD.  
PALO ALTO, CA 94306

REUNIT EXAMINER

UNIT	PAPER NUMBER
------	--------------

02/08/93

DATE MAILED:

 This is a communication from the examiner in charge of your application.  
COMMISSIONER OF PATENTS AND TRADEMARKS

☒ This application has been examined
 ☐ Responsive to communication filed on \_\_\_\_\_
 ☐ This action is made final.
 
 A shortened statutory period for response to this action is set to expire 3 month(s), \_\_\_\_\_ days from the date of this letter.  
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133
**Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:**

- |   |  |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited by Examiner, PTO-892. | 2. <input checked="" type="checkbox"/> Notice re Patent Drawing, PTO-948.        |
| 3. <input type="checkbox"/> Notice of Art Cited by Applicant, PTO-1449.                 | 4. <input type="checkbox"/> Notice of Informal Patent Application, Form PTO-152. |
| 5. <input type="checkbox"/> Information on How to Effect Drawing Changes, PTO-1474.     | 6. <input type="checkbox"/> _____  |

**Part II SUMMARY OF ACTION**
 1. ☒ Claims 1-28 are pending in the application.

Of the above, claims \_\_\_\_\_ are withdrawn from consideration.

 2. ☐ Claims \_\_\_\_\_ have been cancelled.

 3. ☐ Claims \_\_\_\_\_ are allowed.

 4. ☒ Claims 1-28 are rejected.

 5. ☐ Claims \_\_\_\_\_ are objected to.

 6. ☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

 7. ☐ This application has been filed with informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.

 8. ☐ Formal drawings are required in response to this Office action.

 9. ☐ The corrected or substitute drawings have been received on \_\_\_\_\_. Under 37 C.F.R. 1.84 these drawings are ☐ acceptable. ☐ not acceptable (see explanation or Notice re Patent Drawing, PTO-948).

 10. ☐ The proposed additional or substitute sheet(s) of drawings, filed on \_\_\_\_\_ has (have) been ☐ approved by the examiner. ☐ disapproved by the examiner (see explanation).

 11. ☐ The proposed drawing correction, filed on \_\_\_\_\_, has been ☐ approved. ☐ disapproved (see explanation).

 12. ☐ Acknowledgment is made of the claim for priority under U.S.C. 119. The certified copy has ☐ been received ☐ not been received  
☐ been filed in parent application, serial no. \_\_\_\_\_; filed on \_\_\_\_\_.

 13. ☐ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.

 14. ☐ Other

EXAMINER'S ACTION

Claims 1-28 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

As to claims 1, 7, 9-13, 21, and 23-28, "receiver/processor" is indefinite.

As to claims 1, 6, 13, and 20, "modem/controller" is indefinite.

As to claim 1, "vehicle location service or paging service" is indefinite.

Claims 2-5, 8, 14-19, and 22, depend from an indefinite antecedent claim.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

"A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States."

Claims 1-26 are rejected under 35 U.S.C. § 102 (b) as being anticipated by Sheffer.

Sheffer teaches the claimed method for determining the present location of a missing vehicle including cellular telephone (column 1, lines 53 and 54) and modem 32.

Claim 28 is rejected under 35 U.S.C. § 102 (b) as being anticipated by Darnell et al.

Darnell et al teaches the claimed structure for determining the present location of a missing vehicle including cellular telephone 16, modem (column 1, line 53), and GPS satellites (column 1, lines 62+).

Claims 1-26 are rejected under 35 U.S.C. § 102 (b) as being anticipated by Gray et al.

Gray et al teaches the claimed method for determining the present location of a missing vehicle including cellular telephone (column 10, lines 10 and 11) and paging (column 2 lines 16-27).

Claims 1-26 are rejected under 35 U.S.C. § 102 (b) as being anticipated by Rosenberger.

Rosenberger teaches the claimed method for determining the present location of a missing vehicle (column 2, lines 55+) including cellular telephone (column 4, line 34), paging 13 and 19, and modem 9 and 15.

The Lawrence and Apsell et al patents are cited to show various vehicle location systems.

An inquiry concerning this communication should be directed to Theodore Blum at telephone number (703) 308-0481.

*Theodore M. Blum*  
THEODORE M. BLUM  
EXAMINER  
GROUP ART UNIT 222